

EXCERPTA MEDICA Sec 6/Vol 13/6 Internal Medicine June 59

1573. SOME ATYPICAL COMPLICATIONS OF THE NERVOUS SYSTEM IN
DIPHTHERIA (Russian text) - Vaskovskaya L.I. and Ibragimova
N.I. - MED. ZH. UZ. 1957, 4 (24-26)

In recent years complications of diphtheria involving the nervous system have considerably increased, a fact that is quite alarming and calls for the attention of bacteriologists, epidemiologists and clinicians. While post-diphtheritic affection of the peripheral nervous system is often observed, post-diphtheritic affection of the CNS is comparatively rare. Case histories of 2 girls admitted into hospital with unusual post-diphtheritic paralyses of central nervous origin are added. (S)

USSR/Human and Animal Physiology - Blood. Blood Coagulation.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12653

Author : Vaskovskaya, L.I.

Inst : ~~USSR Academy of Sciences~~

Title : Daily Dynamics of Blood Coagulation in Some Vascular Diseases of the Brain

Orig Pub : Med. zh. Uzbekistana, 1957, No 1, 26-31

Abstract : In patients with thrombosis of brain vessels in the region of the cortex of the brain (52), internal capsule (2), thalamus opticus (6), subcortical ganglia (2), and the brain stem (2) there was noted a significant acceleration in blood coagulation, especially in the evening and night hours, and it was more often observed on the paralyzed side of the body. Asymmetry in the rate of blood coagulation was observed in cortical-subcortical localization of the affected focus and, was absent in its localization in the thalamushypothalamus

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USSR/Human and Animal Physiology - Blood Blood Coagulation.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12653

region. The relation between the condition of blood coagulation and prolongation of the illness was not successfully established. Coagulation depended on the state of the Central Nervous System. -- K.S. Ratner

Card 2/2

- 45 -

VASKOVSKAYA, L.M.

SOFIYEV, B.I.; SARSENOW, U.S.; KOLOMAKIN, G.A., kandidat veterinarnykh nauk;
STUDENTSOV, K.P.; VASKOVSKAYA, L.M.

Dry brucellosis vaccine from strain no. 19. Veterinariia 33 no.10:
40-44 0 '56. (MLRA 9:10)

1. Nachal'nik vetupravleniya Ministerstva sel'skogo khozyaystva
Kazakhskoy SSR (for Sofiyev).
 2. Nachal'nik veterinarnogo otdela Taldy-Kurganskogo oblastnogo
upravleniya sel'skogo khozyaystva (for Sarsenov).
 3. Direktor oblbaklaboratorii (for Kolomakin).
 4. Zaveduyushchiy brutsellesnoy laboratoriyey Kazakhskogo Nauchno-
issledovatel'skogo instituta (for Studentsov).
 5. Glavnyy veterinarnyy vrach Taldy-Kurganskogo rayona (for Vaskov-
skaya).
- (Kazakhstan--Brucellosis in sheep--Preventive inoculation)

ROVENSKAYA, T.G.; GOL'DFARB, R.N.; VAS'KOVSKAYA, M.A.

Resistance of dysenteric bacteria and enteropathogenic *Escherichia coli* to some antimicrobial preparations. Lab. doc. 7 no. 9:53 S '61: (MIRA 14:10)

1. Sanitarno-epidemiologicheskaya stantsiya Leninskogo rayona Dnepropetrovsk.

(*ESCHERICHIA COLI*)

(DYSENTERY)

VAS'KOVSKAYA, M. A.: Master Chem Sci (diss) -- "Investigation of vulcanization structures and changes in them during the vulcanization process". Dnepropetrovsk, 1958. 22 pp (Dnepropetrovsk Chem-Tech Inst in P. E. Dzerzhinskiy, Moscow Sci Res Inst of the Tire Industry), 200 copies (KL, No 13, 1959, 100)

31979
S/081/61, 200/023/056/061
B106/B101

15.9202

11.2211

AUTHORS:

Tarasova, Z., Kaplunov, M., Vas'kovskaya, M., Dogadkin, B.

TITLE:

Vulcanization structures and their effect on fatigue

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 23, 1961, 560 - 561,
abstract 23P351. (Sb. "Vulkanizatsiya rezin. izdeliy",
Yaroslavl', 1960, 25 - 42)

TEXT: Vulcanizates of HK(NK), butadiene styrene, and Na butadiene rubber with the accelerators Thiuram, diphenyl guanidine, captax, altax, and radiation vulcanizates of these rubbers have been examined to determine the type of cross linking. The latter was determined by isotopic exchange with sulfur, vulcanizing accelerators, vulcanizates containing radioactive sulfur, and by the method of determining the rate constant of relaxation of tension at constant deformation (Dogadkin, Tarasova, Kolloid. zhurnal, v. 15, no. 5, 1953, 347). The factors determining the exchangeability are the nature of the rubber and the composition of the vulcanizing group. The poorer the exchangeability, the higher the thermomechanical stability. The exchangeability of sulfur compounds decreases with increasing

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Vulcanization structures and their...

31779

S/081/61/000/023/056/061
B106/B101

temperature and duration of vulcanization. The relative rate of exchange is higher at the beginning of vulcanization than later on. The number of exchangeable bonds passes through a maximum which corresponds to an optimum of vulcanization. The vulcanization temperature has different effects on the structure of the vulcanizate, which depend on the nature of rubber and the accelerators. Samples of CKC-30 (SKS-30), NK, and CK5 (SKB) rubber containing Thiuram, diphenyl guanidine, captax, and hexachlorane were subjected to fatigue tests by symmetrically alternating load. The fatigue resistance of vulcanizates rises with increasing energy of cross links. The variation in density of the vulcanization network of samples subjected to fatigue tests is determined by the nature of rubber and of the system of vulcanization, and depends on the direction of the regrouping processes of the radicals which are formed when the polymer chains and the bridge bonds break up. Fatigue at low temperatures (20 - 40°C) increases the exchangeability of vulcanizates, whereas it is reduced by fatigue at 100°C and higher temperatures. The fatigue resistance of rubber can be increased by adding acceptors for free radicals (disulfide p-tert-butyl phenol, hexachloroethane). [Abstractor's note: Complete translation.]

Card 2/2

S/153/62/005/005/007/011
E075/E436

AUTHORS: Vas'kovskaya, M.A., Blokh, G.A.
TITLE: The vulcanizing action of di-2-benzothiazolyldisulphide (altax) in rubber mixtures filled with chalk, talc or kaolin
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, v.5, no.5, 1962, 815-820
TEXT: In view of the importance of the problem of the vulcanization of rubber mixtures free from sulphur and carbon black, a detailed study was conducted of the effect of altax on the vulcanization of natural and synthetic rubbers (butadiene-styrene and sodium-butadiene) filled with chalk, talc, kaolin or lamp black. Altax vulcanizes butadiene-styrene rubber, the process being more effective for the mixtures containing lamp black than in those containing the light coloured fillers. For the rubbers without altax the greatest resistance to rupture and the smallest tendency to swell were obtained after 70 to 90 minutes. For the mixtures containing 5 and 6 parts by weight of altax this time was extended to 150 - 180 min and 120 - 140 min respectively. The strength of
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The vulcanizing action ...

S/153/62/005/005/007/011
EC75/E436

the rubbers containing only altax is considerably below that of the vulcanizates obtained with 2 parts by weight of sulphur and 1 part of altax. Altax also vulcanizes effectively sodium-butadiene rubber filled with chalk and kaolin and natural rubber filled with talc. In the latter case the increase of altax concentration from 6 to 9 parts by weight decreases the time of attainment of satisfactory physico-chemical properties. Thus the use of altax would permit to produce light coloured rubbers suitable for the rubber, cable and light industries. There are 3 figures and 2 tables.

Kafedra tekhnologii reziny
ASSOCIATION: Dnepropetrovskiy khimiko-tekhnologicheskii institut
im. F.E.Dzerzhinskogo (Department of Rubber Technology,
Dnepropetrovsk Chemical Technological Institute imeni
F.E.Dzerzhinskiy)

SUBMITTED: June 26, 1961

Card 2/2

L 12685-63 EWP(j)/EWT(m)/BDS AFFTC/ASD Fc-L RM
 ACCESSION NR: AP3001595 S/0138/63/000/005/0024/0027

63
 59

AUTHOR: Vas'kovskaya, M. A.; Blokh, G. A.; Gordon, A. B.

TITLE: Acceleration of vulcanization by tetramethylthiurammonosulfide ¹⁵

SOURCE: Kauchuk i rezina, no. 5, 1963, 24-27

TOPIC TAGS: vulcanization, acceleration of vulcanization, thiuran, thermal dissociation, free radical

ABSTRACT: The objective of the investigation was to study the kinetics of rubber vulcanization in the presence of tetramethylthiurammonosulfide (Unads) in comparison with such popular accelerators as Tuads, Altax, Captax, diphenylguanidine (DPG), Zimate, and Santocure. The vulcanization of natural rubber was conducted with 0.2-1.5% of Unads at 140C, and that of butyl rubber with 1.3%, the percentage of the other accelerators being 0.7% for the former and 1.3 for the latter. A study of the modulus taken at 10- to 20-minute intervals showed that in the presence of Unads the space lattice of the natural rubber vulcanizate was formed during the first 10 minutes, with the optimal concen-

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L 12685-63
ACCESSION NR: AP3001595

7
tration for Unads being 0.8% by weight, with little destruction during the following 50 minutes, while subsequent heating caused a drastic lowering of the modulus and resistance to tear. Vulcanization with Zimate gave a maximum modulus within 5-10 minutes, Santocure within 30 minutes, and Captax within 40 minutes, subsequent heating causing destruction of the vulcanization lattice. The acceleration of vulcanization by Unads is linked by the authors with the potential formation of free radicals. The vulcanization tests with Unads were conducted by V. Antonenko, L. Drozd, and L. Kachanova. Orig. art. has: 3 formulas and 3 charts.

ASSOCIATION: Dnepropetrovskiy khimico-tekhnologicheskiy institut (Dnepropetrovsk Chemical-Technical Institute)

SUBMITTED: 00

DATE ACQ: 08Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 006

OTHER: 003

Card 2/2

VAS'kovskaya, A. P. M. A.

AID Nr. 980-17 31 May

EFFECT OF IONIZING RADIATION ON THE STRUCTURAL CHANGES IN RUBBER-PLASTIC SYSTEMS (USSR)

Blokh, G. A., V. A. Zhurko, M. A. Vyazankina, M. A. Vas'kovskaya,
A. P. Meleshevich, F. V. Bronshteyn, and E. V. Tsipenyuk. *Vysokomolekulyarnyyesoyedineniya*, v. 5, no. 4, Apr 1963, 605-613.

S/190/63/005/004/019/020

Structural changes produced by ionizing radiation in doses of 1 to 100 Mr in rubber-plastic systems have been studied at the Dnepropetrovsk Institute of Chemical Technology. The changes in properties were evaluated from thermomechanical curves in the range from about 60 to 220°C and from swelling data. The experiments were conducted with systems of sodium butadiene (CKB), butadiene-styrene (CKC-30), or natural rubber and low- or high-pressure polyethylene or polystyrene (rubber:plastic ratios, 80:20, 50:50, and 20:80) irradiated in air without heating. The thermomechanical curves of individual nonirradiated and irradiated systems differ sharply from one another.

Card 1/2

AID Nr. 980-17 31 May

EFFECT OF IONIZING RADIATION (Cont'd)

8/190/63/005/004/019/020

At a given temperature and radiation dose, network structure formation, indicated by a loss of deformability and by the absence of viscous flow, was shown to be induced by irradiation. The density of cross links in individual systems, determined by Flory's swelling method, was shown to increase with an increase of the dose and to depend on the nature of the rubber and the rubber-to-plastic ratio. In polymers containing phenyl groups radiation-induced structural changes proceeded slower and required higher radiation doses. Analysis of the results of the study indicates that ionizing radiation apparently causes a crosslinking of the rubber and the plastic and is accompanied by a change in the physical and mechanical properties of the system: a sharp decrease in plasticity, a decrease in swelling, and increases in hardness, tensile strength, and wear resistance. It is concluded that irradiation of combinations of rubbers and plastics in predetermined ratios makes possible the production of materials with the desired improved properties.

[BAO]

Card 2/2

BLOKH, G. A.; ZHURKO, V. A.; TSIPENYUK, E. V.; BELOUSOVA, E. A.;
MELESHEVICH, A. P.; VAS'KOVSKAYA, M. A.

Radiation vulcanization of rubber compounds for soles. Kozh.
obuv. prom. 5 no. 12:18-22 D '63. (MIRa 17:5)

VAS'KOVSKAYA, T. G.

VAS'KOVSKAYA, T. G. -- "The Investigation of Certain Cases of Asymptotic Procedure in the Solution of Simple Differential Equations." Kiev State Institute imeni Gor'kiy, Chair of Mathematical Analysis, Kiev, 1956. (Dissertation for the Degree of Candidate of Physicomathematical Sciences)

SO: Knizhnaya Letopis' No 43, October 1956, Moscow

VAS'KOVSIIY, A., inzh.

Walls resistant to the transmission of heat in the Far North.
Zhil.stroi. no.3:20-21 '62. (MIRA 15:9)
(Russia, Northern—Walls—Thermal properties)

VASKOVICH A R

26

PHASE I BOOK EXPLOITATION

SOV/5473

Gornoye delo; entsiklopedicheskiy spravochnik. t. 8: Statsionarnoye elektromekhanicheskoye oborudovaniye. Elektrosnabzheniye shakht (Mining Industry; an Encyclopedic Handbook. v. 8: Stationary Electro-mechanical Equipment. Electric Power Supply to Mines) Moscow, Gosgortekhzdat, 1960. 784 p. Errata slip inserted. 18,500 copies printed.

Chief Ed.: A. M. Terpigorev (Deceased); Members of the Editorial Board: A. I. Baranov, F. A. Barabanov (Deceased), A. A. Boyko, V. K. Buchnev, A. N. Zaytsev; Deputy Chief Eds.: I. K. Kit and N. V. Mel'nikov; I. N. Plaksin, N. M. Pokrovskiy, A. A. Skochinskiy (Deceased), A. O. Spivakovskiy, I. K. Stanchenko, A. P. Sudoplatov, A. V. Topchiyev, S. V. Troyanskiy, A. K. Kharchenko, L. D. Shevyakov and M. A. Shchedrin; Editorial Board for this volume: Resp. Ed.: F. A. Barabanov; Deputy Resp. Ed.: Z. M. Melamed; N. A. Arzamasov, G. M. Yelanchik, V. K. Yefremov, B. I. Zasadych, I. M. Zhumakhov, N. A. Letov, P. P. Nesterov, I. A. Rabinovich, K. I. Skorkin, and V. A. Sumchenko; Authors: G. A.

Card 1/16

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Mining Industry (Cont.)

SOV/5473

Babak, Candidate of Technical Sciences, V. D. Belyy, Professor, Doctor of Technical Sciences, K. S. Borisenko, Candidate of Technical Sciences, A. G. Borumenskiy, Candidate of Technical Sciences, I. V. Brusilovskiy, Candidate of Technical Sciences, A. R. Bushel', Candidate of Technical Sciences, V. P. Bukhgal'ts, Engineer, M. N. Vasilevskiy, Candidate of Technical Sciences, A. N. Vas'kovskiy, Engineer, B. N. Vlasenko, Engineer, I. Ya. Gershikov, Engineer, V. G. Geycr, Professor, Doctor of Technical Sciences, A. D. Dimashko, Engineer, V. S. Dulin, Candidate of Technical Sciences, I. L. Lokshin, Engineer, B. M. Melamed, Engineer, Yu. A. Mikhayev, Engineer, V. P. Morozov, Engineer, M. I. Mushkatin, Engineer, V. S. Pak, Academician, I. M. Perskaya, Engineer, N. M. Rusanov, Candidate of Technical Sciences, G. P. Savel'yev, Candidate of Technical Sciences, Ya. M. Smorodinskiy, Candidate of Technical Sciences, K. A. Ushakov, Honored Scientist and Technologist, Professor, Doctor of Technical Sciences, B. M. Furmanov, Engineer, and N. N. Chernavkin, Engineer. Eds.: Ya. M. Drozdov, Engineer, B. I. Zasadych,

Card 2/18

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Mining Industry (Cont.)

SOV/5473

Candidate of Technical Sciences, N. S. Karpyshev, Candidate of Technical Sciences, N. A. Letov, Candidate of Technical Sciences, Z. M. Melamed, Candidate of Technical Sciences, Yu. A. Mikheyev, Engineer, V. P. Morozov, Engineer, V. I. Polikovskiy, Professor, Doctor of Technical Sciences, I. A. Rabinovich, Engineer, M. S. Rabinovich, Candidate of Technical Sciences, I. A. Raskin, Engineer, V. S. Tulin, Engineer, S. Ye. Unigovskiy, Engineer, K. A. Ushakov, Honored Scientist and Technologist, Professor, Doctor of Technical Sciences, M. M. Shemakhanov, Candidate of Technical Sciences, P. F. Shishkov, Candidate of Technical Sciences, and V. B. Yablonovskiy, Engineer; Eds. of Publishing House: N. A. Arzamasov and T. I. Rybal'nik; Tech. Ed.: V. L. Prozorovskaya and M. A. Kondrat'yeva.

PURPOSE: This handbook is intended for mining and mechanical engineers as well as for other skilled personnel of the mining industry concerned with the handling and operation of various installations and equipment used in mines.

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Mining Industry (Cont.)

SOV/5473

COVERAGE: Volume VIII of the mining handbook contains detailed information on mine hoisting installations, machines and equipment, mine ventilation units, duct systems, dewatering facilities, various types of pumps, pump meters, pumping stations, and the automatic remote control of these units. The handbook also describes and explains the operation of the air compression units and compressors. Heat-generating and heat-supply equipment of mines is described, as are the electric power supply systems and other electrical equipment such as transformers, power distribution systems, and grounding devices. Telephone communication and signaling systems used in mines are also treated. No personalities are mentioned. Each part of the handbook is accompanied by references, mostly Soviet.

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PART I. MINE HOISTING UNITS

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Mining Industry (Cont.)

SOV/5473

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[DESIGN AND OPERATION]
... (A. N. Vaskovskiy, Engineer)

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VAS'KOVSKIY, A.N., inzh.

Problems in heating deep mines of the Donets Basin. Shakht. stroi.
4 no.10:19-21 0 '60. (MIRA 13:11)

1. Stalingiproshakht.
(Donets Basin--Mine ventilation--Cold weather conditons)

VAS'KOVSKIY, Aleksandr Nikolayevich; GULISHAMBAROV, F.M., otv. red.
CHECHKOV, L.V., red. izd-va; SHKIYAR, S.Ya., tekhn. red.

[Handbook on sanitary engineering equipment for the surface
of mines] Spravochnik po sanitarno-tekhicheskomu oborudova-
niyu poverkhnosti shakht. Moskva, Gosgortekhzdat, 1962. 207 p.
(Mine buildings) (MIRA 15:10)
(Sanitary engineering—Equipment and supplies)

VAS'KOVSKIY, A. N., 1922.

Monogram for the designing and planning of thermal systems in
coal mines. Shakht.stroi. 6 no. 12-13 as 12.
(MIRA 14-15)

(Heat engineering)
(Coal mines and mining)

VAS'YOVSKIY, A. P.

"Heat-transfer through the window, taking into account heat loss through window slope (otkosa) as a consequence of air infiltration."

Report presented at the 1st All-Union Conference on Heat- and Mass-Exchange, Minsk, BSSR, 5-9 June 1961

VAS'KOVSKIY, A.P.; PREYS, P.V., prof., nauchnyy red.; YERMAKOV,
K.A., red.

[Temperature and humidity conditions in residential and
public buildings in the Far North] Temperaturno-vlazhnostnyy
rezhim zhilykh i obshchestvennykh zdaniy na Krainem Severe;
uchebnoe posobie. Nauchn. red. P.V.Preis. Leningrad,
Leningr. in-t inzhenerov zheldor. transp., 1961. 35 p.
(MIRA 15:8)

(Russia, Northern --Buildings)

VAS'KOVSKIY, A.P., inzh.

Studies of the process of heat transfer through windows in
stone buildings of the Arctic. Trudy NIISF no.1:61-71 '62.
(MIRA 15:11)

(Arctic regions--Windows--Thermal properties)

VAS'KOVSKIY, A. P. (Magadan)

"Peculiarities of Seasonal Occurrences in the Chukotsk Peninsula"

Report presented at a Phenological Conference, Leningrad, Nov 1957,
by the USSR Geographical Soc. together with Inst. Botany and Zoology, AS USSR

VASKOVSKIY, A. P., PASECHNIK, I. T., PRONYA, S. V., and CHALASHIN, G. K.

"Agriculture of the Magadan Oblast'" (book) 1957.

Tells of the Experience of agricultural workers of the Magadan oblast', which is the more interesting because of the utilization of new areas in the north. In spite of the many authors the book is complete and finished work.

VAS'KOVSKIY, A.P.

New ornithological finds on the northern shore of the Sea of Okhotsk
[with English summary in insert]. Zool.shur.35 no.7:1051-1058 J1 '56.
(MLRA 9:9)

1. Magadanskiy otdel geograficheskogo obshchestva SSSR.
(Okhotsk region--Birds)

VAS'KOVSKIY, A. P.

PA 47/49T7

USSR/Biology
Birds - Occurrence

Jan 49

"Long Toed Snipe in the Alpine Zone of the Okhotsk-Kolyma Water Divide," A. P. Vas'kovskiy, 1 p.

"Priroda" No 1

In 1944, author found species of Limonites sub-minuta (Midd.) along the north shore of the Okhotsk Sea.

FDB

47/49T7

VAS'KOVSKIY A.P.

ANIKEYEV, N.P., glavnyy red.; BISKE, S.F., red.; BOBYLEVSKIY, V.I., red.;
 VAS'KOVSKIY, A.P., red.; VERESHCHAGIN, V.N., red.; DRABKIN, I.Ye.,
 red.; YEVANOVULOV, B.B., red.; YEPIMOVA, A.F., red.; ZIMKIN, A.V.,
 red.; LARIN, N.I., red.; LIKHAREV, B.K., red.; MENGER, V.V., red.;
 MIKHAYLOV, A.F., red.; NIKOLAYEV, A.A., red.; POPOV, G.G., red.;
 POPOV, Yu.N., red.; SAKS, V.N., red.; SEMEYKIN, A.I., red.;
 SIMAKOV, A.S., red.; TITOV, V.A., red.; SHILO, N.A., red.; EL'YANOV,
 M.D., red.; YAKUSHEV, I.R., red.; V redaktsirovani priimani uchast-
 tiye: ANDREYEVA, O.N., red.; BAYKOVSKAYA, T.N., red.; BOLKHOVITINA,
 N.A., red.; BORSUK, M.O., red.; VASIL'YEV, I.V., red.; VASILEVSKAYA,
 N.D., red.; VOYEVODOVA, Ye.M., red.; YEVSEYEV, K.P., red.; KIPARI-
 SOVA, L.D., red.; KRASHNY, L.I., red.; KRISHTOPOVICH, L.V., red.;
 KULIKOV, M.V., red.; LIBROVICH, L.S., red.; MARKOV, F.G., red.;
 MODZALEVSKAYA, Ye.A., red.; NIKIFOROVA, O.I., red.; OBUT, A.M.,
 red.; PCHELINTSEVA, G.T., red.; RZHONSHITSKAYA, M.A., red.; SEDOVA,
 M.A., red.; STEPANOV, D.L., red.; TIMOFEYEV, B.V., red.; KHIDOLEY,
 K.M., red.; CHEMEKOV, Yu.F., red.; CHERNYSHEVA, N.Ye., red.;
 DERZHAVINA, N.G., red. izd-va; GUROVA, O.A., tekhn. red.

(Continued on next card)

ANIKEYEV, N.P.---(continued) Card 2.

[Decisions of the Interdepartmental Conference on the Unified
Stratigraphic Columns of the Northeastern Part of the U.S.S.R.]
Resheniia Mezhdedomstvennogo soveshchaniia po razrabotke unifitsi-
rovannykh stratigraficheskikh skhem dlia Severo-Vostoka SSSR,
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр,
1959. 65 p. (MIRA 13:2)

1. Mezhdedomstvennoye soveshchaniye po razrabotke unifitsirovannykh
stratigraficheskikh skhem dlia Severo-Vostoka SSSR, Magadan, 1957.
(Soviet Far East--Geology. Stratigraphic)

VAS'KOVSKIY, A.P.

Geography and genesis of forest soils in the extreme northeastern part of Russia. Kolyma 21 no.1:41-46 Ja '59. (MIRA 12:6)

1. Magadanskiy otдел Geograficheskogo obshchestva SSSR.
(Soviet Far East--Soils)

VAS'KOVSKIY, A.P. (Mogadan).

~~Seasonal~~ Summer phenomena in the extreme Northeast. Priroda 46
no.6:124-125 Je '57. (MLRA 10:7)
(Siberia, Eastern--Phenology)

MANUYLOVA, Mikhaylovna; VAS'KOVSKIY, Dmitriy Petrovich;
GURULEV, Stanislav Andreyevich; VELIKOSLAVINSKIY, D.A.,
kand. geol.-miner. nauk, otv. red.

[Geology of the Pre-Cambrian in the northern part of the
Lake Baikal region] Geologiya dokembrii Severnogo Pri-
baikal'ia. Moskva, Izd-vo "Nauka," 1964. 225 p.
(MIRA 17:8)

VAS'KOVSKIY, G.Ya.

Results of industrial tests and certain operational characteristics of the BHU-1 boring rig. Podzem.gaz.ugi. no.4:49-52
'59. (MIRA 13:4)

1. Lisichanskaya stantsiya "Podzemgaz."
(Boring machinery--Testing)
(Lisichansk--Coal gasification, Underground)

VAS'KOVSKIY, G.Ya.; SHTEYNBERG, Ya.M.

Cleaning gas passages with use of boring equipment. Podzem. gaz.
ugl. no.1:64-66 '59. (MIRA 12:6)

1. Isichanskaya stantsiya "Podzemgaz."
(Coal gasification, Underground)
(Boring machinery)

VA: KOVEB 17

Country : USSR
 Category : Farm Animals. Q
 The Honeybee.
 Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96942
 Author : Vas'kovskiy, I. I.
 Institut. : Scientific Research Institute of Apiculture.
 Title : Improving Bee Feeding Centers in the Far East.

 Orig Pub. : Byul. nauchno-tekhn. inform. N.-1. in-ta pche-
 lovodstva, 1957, No 2, 14-15
 Abstract : No abstract.

Card: 1/1

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Inst : Far-Eastern Scientific Research Institute of Agriculture

Title : Improvement of the Forage Base for Honeybees

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020003-3"

Orig Pub : Byul. nauchno-tekhn. inform. N.-1. in-ta pche-
 lovodstva, 1957, No 4, 44-45

Abstract : It is suggested that hedges be planted around apiaries
 and adjoining plots.

Card 1/1

COUNTRY : USSR
CATEGORY : Farm Animals. Honeybee

ABS. JOUR. : RZBiol., No. 13 1958, No. 59655

AUTHOR : Vas'kovskiy, I.I.

INST. :

TITLE : The Spiders and the Honeybees.

ORIG. PUB. : Pchelovodstvo, 1957, No.11, 50-52

ABSTRACT : There are cases in the Far East when the entire forest is covered with cobwebs from the ground to four m. of height. The honeybees fall into these traps and become the prey of the spiders which inflict great losses on some of the apiaries. Besides, the spiders attack the honeybees on the flowers by biting them rapidly and paralyzing their movements.

CARD: 1/1

Q - 84

SEMUCHIN, V.N., inzh.; VAS'KOVSKIY, I.Ye., inzh.

Experience in the operation of radio relay lines. Vest.sviat'
25 no.2:22-23 1 '65. (MIRA 18:6)

VAS'KOVSKIY, I.Ya., inzh.

Main station and supporting stations of a radio relay line.
Vest. svyazi 25 no. 11:13-14, N '65. (MIRA 18:12)

VAS'KOVSKIY, M.G.

Annual runoff of the rivers of Kamchatka. Trudy Dal'nevost. NIGMI
no.8:5-31 '59. (MIRA 13:8)

(Kamchatka--Runoff)

VAS'KOVSKIY, M.G.

Classification of rivers of Kamchatka and some problems in the study
of runoff feeding them. Trudy Dal'nevost. NIGMI no. 11:130-158 '60.
(MIRA 13:11)

(Kamchatka—Rivers)

VAS'KOVSKIY, M. G., Cand Geog Sci --(diss)"Average Flow and Typification
of the Rivers in Kamchatka," Moscow, 1961 [sic] 11 pp, 150 copies (Central
Institute of Weather Forecasting) (KL, 47/60, 98)

SOV/144-59-8-13/14

AUTHOR: Vas'kovskiy, N.G., Assistant

TITLE: An Investigation of Excitation Circuits of a Compounded Cylindrical-rotor Synchronous Motor

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1959, Nr 8, pp 106-111 (USSR)

ABSTRACT: This article describes the results of tests on the excitation circuit of a mixed-excitation synchronous motor manufactured at the Electro-Mechanical Works imeni Vladimir Il'ich Lenin by modification of a standard induction motor type AK32-6 of 40 kW. The synchronous motor differed from the induction motor in that the star point of the rotor winding was brought out to a fourth ring and the winding was reconnected to have one instead of two parallel branches. Tests were made using the four circuits shown in Fig 1, in which SVI and SVN denote selenium rectifiers. The circuit of Fig 1a requires a current and a voltage transformer. Test results with this circuit have been published elsewhere: (Ref 6). It has various disadvantages, particularly at heavy currents. Characteristic compounding curves for this circuit are given in Fig 2 for various transformer ratios. It will be seen that the higher the current-transformer

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An Investigation of Excitation Circuits of a Compounded Cylindrical-rotor Synchronous Motor

ratio the lower the effectiveness of compounding. The compounding cannot be improved without making the current transformers very bulky. The circuits of Fig 1~~8~~ and 1~~7~~ are then considered. Here one of the rectifier terminals is connected to one of the rotor phase terminals. Vector diagrams of the excitation m.m.f. for these two circuits are in Figs 3a and 3~~6~~ respectively. Curve 5 in Fig 2 gives the compounding characteristic for the motor when the rectifier is connected to the star point of the stator winding without a current transformer. It will be seen that this improves the effectiveness of the compounding as compared with curves 6 and 8 which relate to connection through a current transformer. The effect of different types of rotor winding on the performance of the motor with the various connections is then considered; disadvantages of the different circuits are pointed out. Tests were run using the circuits of Fig 1~~8~~ and 1~~7~~ for a motor with the reconnected rotor winding and a rectifier connected to the star point of the stator winding. Again the excitation m.m.f. increased too rapidly, so that there

Card 2/3

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An Investigation of Excitation Circuits of a Compounded
Cylindrical-rotor Synchronous Motor

was considerable over-excitation. Stable operation can, however, be ensured by using the normal rotor winding. Fig 4 shows various current/excitation curves for the different circuits. When it is necessary to use a current transformer it is possible to avoid the use of a voltage transformer by connecting the voltage rectifier to the tapings on the stator winding. Attempts to operate the motor without either current or voltage transformer were not successful. It is concluded that series connection of the stator and rotor windings through a rectifier without current transformer gives more effective compounding and higher overload capacity than using a current transformer. However, there are limitations upon the field of application of this circuit. There are 4 figures and 6 Soviet references.

ASSOCIATION: Kafedra elektricheskikh mashin, Kiyevskiy
politekhnicheskii institut (Chair of Electrical
Machines, Kiyev Polytechnical Institute)

Card 3/3

SUBMITTED: April 27, 1959

VAS'KOVSKIY, Nikolay Grigor'yevich, assistant

Longitudinal-transverse excitation of a compounded synchronous motor. Izv. vys. ucheb. zav.; elektromekh. 3 no.6:66-72 '60.

(MIRA 15:5)

1. Kafedra elektricheskikh mashin Kiyevskogo politekhnicheskogo instituta.

(Electric motors, Synchronous)

AGEYEVA, A.P.; AKSENOVA-CHEKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil]Nizhniy Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p. (MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova).
2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya, Nizhniy Tagil (for Velikanov).
3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva).
4. Nachal'nik upravleniya stroitel'stvom Sverdlovskogo sovarkhoza (for Girenko).
5. Deystvitel'nyy chlen Akademii nauk Ukr. SSR, Leningradskiy politekhnicheskii institut (for Danilevskiy).

(Continued on next card)

VAS'KOVSKIY, S.A.; GUTMAN, R.A.; KULAGIN, I.K.; MAKAROV, A.P.

~~Application of automatic seam welding in the railroad car~~
industry. Zhel. dor. transp. 38 no.11:28-31 N '56. (MLRA 9:12)

(Car wheels--Welding)

VAS'KOVSKIY, Stanislav Antonovich; TSYPLAKOV, Nikolay Vasil'yevich;
GUTMAN, Raissa Aronovna;; BRAYLOVSKIY, N.G., inzh., red.; BOBROVA,
Ye. M., tekhn. red.

[Mechanization of electric welding operations in repairing cars;
practices of the Southwestern Railroad car depots] Mekhanizatsiia
elektrosvarechnykh rabot pri remonte vagonov; opyt vagonnykh depo
IUge-Zapadnei dorogi. Moskva, Gos. transp. shel-dor. izd-vo, 1958.
49 p. (MIRA 11:12)

(Railroads--Cars--Maintenance and repair)
(Electric welding)

VASKOVSKIY, S.F.; ZENIN, N.I., red.; SKVORTSOV, V.P., red.izdatel'stva;
AVERKIYEVA, T.A., tekhn.red.

[Practical manual on handling explosives] Prakticheskoe rukoyodstvo
po obrashcheniiu s vzryvchatymi materialami. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po geol.i okhrane neдр, 1957. 159 p.

(MIRA 11:1)

(Explosives)

AUTHOR: Vaskovskiy, S.F., Mining Engineer

SOV-127-58-3-23/24

TITLE: B.G. Kubalov "Blaster's Reference Book" (B.G. Kubalov, Spravochnik vzryvnika). Strip Mining Works (Otkrytyye gornyye raboty). Promstroyizolat, 1957, 167 pp., 43 figures, 15,000 copies, price 6 r. 55 kop. (prostroyizat, 1957, 167, str., 43 ris., Tirazh 15,000, Tsena 6 r.55 kop.)

PERIODICAL: Gornyy zhurnal, 1957, Nr 3, pp 78-79 (USSR)

ABSTRACT: This is a review of the above mentioned book.

1. Mining industry—USSR
2. Literature

Card 1/1

VASKOVSKIY, S.F., gornyy inzh.

"Blaster's handbook; open-cut mining" by D.G. Kubalov. Reviewed
by S.F. Vaskovskii. Gor.shur. no.3:78-79 Mr '58. (MIRA 11:3)
(Blasting)

VOSTRIKOV, Nikolay Andreyevich; VAS'KOVSKIY, S.Ye.; IVANOV, N.A.;
SAMOKHODSKAYA, I.I.; PASHEDKO, L.T.; KRYUKOV, V.L., red.;
GUREVICH, M.M., tekhn.red.

[Over-all mechanized crews in corn cultivation] Zven'ia
kompleksnoi mekhanizatsii vozdel'yvaniia kukuruzy. Moskva, Gos.
izd-vo sel'khoz.lit-ry, 1960. 111 p.

(MIRA 14:3)

(Corn (Maize)) (Farm mechanization)

ADRASHEV, G.R., kand.tekhn.nauk; BARAM, Kh.G., kand.tekhn.nauk;
VAS'KOVSKIY, S.Ye., inzh.; VOSTRIKOV, N.A., inzh.; IVANOV, N.A.,
inzh.; NANKIN, G.A., inzh.; POLYAK, A.Ya., kand.tekhn.nauk;
BOLTINSKIY, V.N., akademik, red.; VOLKOV, G.I., inzh.; red.; LEVYKIN,
N.N., kand.tekhn.nauk, red.; PORTNOV, M.N., kand.tekhn.nauk, red.;
BUD'KO, V.A., red.; TRUKHINA, O.N., tekhn. red.

[Tractor performance at increased speeds] Traktornye raboty na
povyshennykh skorostiakh. Moskva, Sel'khozgiz, 1961. 174 p.

(MIRA 15:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut me-
khanizatsii sel'skogo khozyaystva.

(Tractors)

PASECHNIKOV, N.S., kand. tekhn. nauk; BEL'SKIKH, V.I., kand.
tekhn. nauk; YALOVENKO, F.I., kand. tekhn. nauk;
KASPEROVICH, V.V., inzh.; VAS'KOVSKIY, S.Ye., red.;
GRISHIN, L.V., red.

[Technology of the maintenance of the "Belarus" tractors]
Tekhnologiya tekhnicheskogo ukhoda za traktorami "Belarus",
Moskva, Biuro tekhn. informatsii, GOSNITI, 1964. 298 p.
(MIRA 18:4)

1. Perovo. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka.
2. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka (for Pasechnikov, Bel'skikh, Vas'kovskiy).
3. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy institut (for Yalovenko).
4. Minskiy traktornyy zavod (for Kasperovich).

VAS'KOVSKIY, T.I.; BURNINA, Ye.I.

Use of gas producer tar. Ogneupory 28 no.12:569 '63.
(MIRA 16:12)

1. Sukholozhskiy shamotnyy zavod.

L 67128-65

ACCESSION NR: AP5018760

The powder material used, pressing, sintering, and post-pressing operations are described. Dimensions of the parts are given, and their various physical and mechanical properties are listed. The powder method over the ordinary process amount to an improvement of 10%.

ASSOCIATION: none

SUBMITTED: 00

NR REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: FM, IE

JPRS

Card 2

VASKOVSKIY, V. YE., ZIVIRBLIS, V. YE., WOODY, YE. G., KOHNSTAN, M. K.,
KHORLIN, A. YA. (USSR)

"Investigations of Triterpene Saponins."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

KOCHETKOV, N.K.; KHORLIN, A.Ya.; VAS'KOVSKIY, V.Ye.; ZHVIRBLIS, V.Ye.

Triterpenic saponins. Part 1: Saponins from Manchurian aralia.
Zhur. ob. khim. 31 no.2:658-665 F '61. (MIRA 14:2)

1. Institut khimii prirodnikh soyedineniy AN SSSR.
(Saponins)

KOCHETKOV, N.K.; KHORLIN, A.Ya.; VAS'KOVSKIY, V.Ye.

Triterpenic saponins. Report No.4: Structure of aralosides A and B.
Izv.AN SSSR.Ser.khim. no.8:1398-1408 Ag '63. (MIRA 16:9)

1. Institut khimii prirodnikh soyedineniy AN SSSR.
(Saponins) (Glycosides)

KOCHETKOV, N.K.; KHORLIN, A.Ya.; VAS'KOVSKIY, V.Ye.

Triterpenic saponins. Report No.5: Structure of aralosides A
and B. Izv.AN SSSR.Ser.khim. no.8:1409-1416 Ag '63. (MIRA 16:9)

1. Institut khimii prirodnkh soyedineniy AN SSSR.
(Saponins) (Glycosides)

KHORLIN, A.Ya.; BAKINOVSKIY, L.V.; VAS'KOVSKIY, V.Ye.; VEN'YAMINOVA, A.G.;
OVODOV, Yu.S.

Triterpene saponins. Report No.6: Distribution chromatography
of triterpene saponins. Izv. AN SSSR. Ser. khim. no.11:2008-
2011 N '63. (MIRA 17:1)

1. Institut khimii prirodnnykh soyedineniy AN SSSR.

KHORLIN, A.Ya.; BAKINOVSKIY, L.V.; VAS'KOVSKIY, V.Yo.

Aralosides A, B and C from *Aralia elata*. Izv. AN SSSR Ser.
khim. no. 7:1338-1340 J1 '64. (MIA 17:)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

KOCHETKOV, N.K.; KHODLIN, A.Ya.; VAS'KOVSKIY, V.Ye.; GUDKOVA, I.P.

Triterpene saponins. Report No.16: Structure of araloside C. Izv. AN
Izv. AN SSSR. Ser. khim. no.7:1212-1222 '65. (MIRA 18:7)

1. Institut khimii prirodnikh soedineniy AN SSSR.

VAS'KOVSKIY, N. N.

AUTHORS: Yur'yev, Yu. K., Mezentsova, N. N.,
Vas'kovskiy, V. Ye.

79-11-51/56

TITLE: Chemistry of Selenophene (Khimiya selenofena).
IX. Condensation of Selenophene-2-Aldehyde With Methylketones.
Synthesis and Reactions of 2-Methylselenophene-5-Aldehyde
(IX. Kondensatsiya selenofen-2-al'degida s metilketonami.
Sintez i reaktsii 2-metilselenofen-5-al'degida).

PERIODICAL: Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 11,
pp. 3155-3160 (USSR)

ABSTRACT: In the present paper the authors continue the investigation
of the reactivity of selenophene-2-aldehyde in examples of
its condensation with methylketones. Its condensations with
methylketones proceed smoothly and lead to the formation
of unsaturated ketones which possess the selenophene-cycle.
In this manner the following compounds were obtained:
selenenal-2-acetone, x-(selenenal-2)-acetophenone,
 α -(selenenal-2)- γ -methylacetophenone, 1-phenyl-5-
(selenienyl-2)-pentadiene-1,4-on-3, 1-(furyl-2)-5-
(selenienyl-2)-pentadiene-1,4-on-3 and 1,5-di-(selenienyl-2)-
pentadiene-1,4-on-3. The aminomethylation of selenenal-2-
acetone according to Mannich (Mannikh) leads to the hydro-

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Chemistry of Selenophene. IX. Condensation of Selenophene-2- Aldehyde With Methylketones. Synthesis and Reactions of 2-Methylselenophene-5-Aldehyde 79-11-51/56

chloride of 5-dimethylamino-1-(selenienyl-2)-pentene-1-one-3. The reduction of selenophene-2-aldehyde and 2-methylselenophene-5-aldehyde according to Kizhner leads to 2-methylselenophene and correspondingly to 2,5-dimethylselenophene. The condensation of 2-methylselenophene-5-aldehyde with hippuric acid, rhodanine and malonic acid correspondingly yields 2-phenyl-4-(2-methylselenenal-5)-oxazolone-5,5-(2-methylselenenal-5)-thiazolidone-4-thion-2 and β -(2-methylselenophene-5)-acrylic acid. The condensation of thiosemicarbazone of 2-methylselenophene-5-aldehyde with chloroacetic acid leads to the hydrazothiazolinone of 2-methylselenophene-5-aldehyde.

There are 4 references, all of which are Slavic.

ASSOCIATION: Moscow State University (Moskovskiy gosudarstvennyy universitet).

SUBMITTED: November 14, 1956

1. Selenophene-2-aldehyde-Condensation reactions
2. Methylketones-Condensation reactions
3. 2-Methylselenophene-5-aldehyde-Synthesis
4. 2-Methylselenophene-5-aldehyde-Condensation reactions

Card 2/2

VAS'KOVSKIY, V. Ye.

AUTHORS: Yur'yev, Ya. K., Mezentsova, N. N., SOV/79-28-12-22/41
 Vas'kovskiy, V. Ye.

TITLE: The Chemistry of Selenophene (Khimiya selenofena) XV. 2-Viny.
 Selenophene (XV. 2-Vinilselenofen)

PERIODICAL: Zhurnal obshchey khimii, 1958 Vol 28, Nr 12, pp 3262-3265
 (USSR)

ABSTRACT: Continuing their earlier papers in the field of selenophene chemistry with respect to the selenophene- α -aldehydes (Refs 1-5) the authors synthesized the 2-vinyl selenophene; the catalytic dehydration of methyl-(selenienyl-2)-carbinol turned out to be a better synthesis method than the decarboxylation of β -(selenienyl)-2-acrylic acid, as it led to the synthesis of 2-vinyl selenophene in considerably higher yields:

Methyl-(selenienyl-2)-carbinol, as well as the ethyl- and phenyl-(selenienyl-2)-carbinol were obtained by the reaction of selenophene-2-aldehyde with alkyl and aryl magnesium halides.

Card 1/3

The Chemistry of Selenophene. XV. 2-Vinyl Selenophene

SOV/79-28-12-22/41

In the investigation of the effect of various dehydration agents on methyl-(selenienyl-2)-carbinol it was found that in the presence of acid compounds (of potassium bisulfite, p-toluene-sulfonic acid etc.) as well as in the presence of caustic potash the 2-vinyl selenophene formed is almost completely polymerized. In the thermal dehydration the yield of them amounts to 50%, whereas in the dehydration in the vapor phase with aluminum oxide at 200° this figure is 80%. In the above-mentioned decarboxylation reaction the yield amounts to 40% only. 2-vinyl selenophene reacts with diazo methane and forms 4-(selenienyl-2')-pyrazoline, and with dimethyl formamide in the presence of phosphorus oxychloride the β -(selenienyl-2)-acrolein (Scheme 2). In the oxidation of the latter with silver oxide the β -(selenienyl-2)-acrylic acid was obtained, with hydrogen peroxide, however, selenophene-2-carboxylic acid (Scheme 3). There are 1 table and 5 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

Card 2/3

S/079/60/030/05/47/074
B005/B016AUTHORS: Yur'yev, Yu. K., Mezentsova, N. N., Vas'kovskiy, V. Ye.TITLE: Selenophene Chemistry. XXVI. 2-Cyclopropyl Selenophene and
2-Propenyl Selenophene

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 5, pp. 1628-1631

TEXT: In the present paper the syntheses of 2-cyclopropyl selenophene (I) and 2-propenyl selenophene (II) are described. The authors synthesized (I) on the basis of β -(selenienyl-2)-acrolein (III). Contrary to a method used previously (Ref. 1), this compound was obtained by condensation of selenophene-2-aldehyde with acetaldehyde in the presence of lye. By treating the unsaturated ketone (III) with hydrazine hydrate, 5-(selenienyl-2')-pyrazoline (IV) was obtained. This product was not isolated but decomposed at once according to the well-known method by N. M. Kishner (with platinized carbon and potassium hydroxide). By this degradation, compound (I) results with impurities of a selenienyl-2-alkene. Compound (I) was also synthesized from the hydrochloride of 2-(β -dimethyl-amino-propio)-selenophene (Ref. 2) by the action of hydrazine

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Selenophene Chemistry. XXVI. 2-Cyclopropyl
Selenophene and 2-Propenyl Selenophene

S/079/60/030/05/47/074
B005/B016

hydrate and Kishner degradation of the resultant (selenienyl-2)-pyrazoline. This method is simpler and more convenient than the one described above. The purification of product (I) from the selenienyl-2-alkene impurity was carried out by treatment with potassium permanganate solution and subsequent working up with 2,4-dinitro-benzene-sulfonyl chloride. Contrary to the unstable monosubstituted pyrazoline (IV), the disubstituted pyrazoline derivative 3-methyl-5-(selenienyl-2')-pyrazoline (V) obtained by condensation of selenal-2-acetone with hydrazine hydrate is a stable compound which is distillable in vacuo without decomposition. In the same way, 1-phenyl-5-(selenienyl-2')-pyrazoline was prepared by condensation of selenal-2-acetone with phenyl hydrazine. This product melts without decomposition. On degradation of compound (V) according to Kishner, 2-(2'-methyl-cyclopropyl)-selenophene (VI) results. This product is contaminated by small quantities of selenienyl-2-butene which may be separated in the above-mentioned way. The ultraviolet absorption spectra of methanolic solutions of compounds (I) and (VI) show no differences in the electron transitions. The spectra were taken on an SF-4 spectrophotometer. Compound (II) was obtained from ethyl-(selenienyl-2)-carbinol by dehydration with potassium bisulfate. The initial product was produced

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Selenophene Chemistry. XXVI. 2-Cyclopropyl
Selenophene and 2-Propenyl Selenophene

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by an organomagnesium synthesis from selenophene-2-aldehyde and ethyl bromide. In an experimental part, all operations performed are described in detail. For each of the resultant products, yield, boiling (or melting) point, refractive index, density, molar refractivity, and data of the ultimate analysis are given. The schemes of the reactions performed are presented as well. R. Ya. Levina and co-workers (Ref. 5) are mentioned in this paper. There are 6 Soviet references. ✓

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: June 12, 1959

Card 3/3

VAS'KOVSKIY, Ye.L., otv. red.; SLAVOROSOV, A.Kh., red. izd-va;
BOLDYREVA, Z.A., tekhn. red.

[Documents on safety engineering and mine inspection]
Sbornik dokumentov po tekhnike bezopasnosti i gornomu nad-
zoru; dokumenty, pomeshchennye v Sbornike, rasprostraniatsia
na vse predpriatiia i stroiki, podkontrol'nye Gosgortekhnad-
zoru USSR, Moskva, Gosgortekhzdat, 1961. 194 p. (MIRA 16:7)

1. Ukraine. Komitet po nadzoru za bezopasnym vedeniyem rabot v
promyshlennosti i gornomu delu. (Mine safety)

IZRAITEL', S.A., otv. red.; SKURAT', V.K., otv. red.; ZUBAREV,
S.N., otv. red.; MOISEYEV, S.L., otv. red.; ASTAP'YEVA,
A.V., kand. tekhn. nauk, red.; VAS'KOVSKIY, Ye.L., red.;
VISHNEVSKIY, Ye.L., red.; KRIVTSOV, B.S., red.; KOROTKIN,
I.N., red.; MITROFANOV, S.I., doktor tekhn. nauk, red.;
NORKIN, V.V., kand. tekhn. nauk, red.; NIKITIN, A.A., red.;
RUDNEV, A.P., red.; SLASTUNOV, V.G., red.; TKACHEV, F.A.,
red.; RAUKHVARGER, Ye.L., kand. tekhn. nauk, red.;
FEOKTISTOV, A.T. [deceased], red.; ZAYTSEV, A.P., red.

[Safety regulations for the dressing and sintering of fer-
rous and nonferrous metal ores] Pravila bezopasnosti pri
obogashchenii i aglomeratsii rud tsvetnykh i chernykh me-
tallov. Moskva, Nedra, 1964. 106 p. (MIRA 18:4)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po
nadzoru za bezopasnym vedeniyem v promyshlennosti i gor-
nomu nadzoru.

SOLDATOV, Anatoliy Gavrilovich [Soldatov, A.H.], kand.sel'skokhoz.nauk;
TYUKOV, Sergey Yefimovich [Tiukov, S.IU.], uchenyy lesovod;
TURKEVICH, Nikolay Vasil'yevich [Turkevych, M.V.], kand.biolog.
nauk; POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik, red.;
FLOROVSKIY, A.M. [Florovs'kyi, A.M.], kand.sel'skokhoz.nauk, red.;
VAS'KOVSKIY, Yu.I., red.; KVITKA, S.P., tekhn.red.

[Ukrainian forests] Lisy Ukrainy. Kyiv, Vyd-vo Ukrain's'koi
Akad.sil's'kohospodars'kykh nauk, 1960. 459 p. (MIRA 14:1)

1. AN USSR (for Pogrebnyak).
(Ukraine—Forests and forestry)

FEYTSARENKO, A.M. [Feitsarenko, A.M.], otv. red.; PREDKO, I.G. [Predko, I.H.], red.; GRIN'KO, T.F. [Hrin'ko, T.F.], kand. sel'khoz. nauk, red.; DEMCHENKO, P.K., red.; DOBROVOL'SKIY, I.M. [Dobrovols'kyi, I.M.], red.; LEMAR, F.M. [Lymar, F.M.], red.; SEMENOV, F.G. [Semenov, F.H.], FEYTSARENKO, G.I. [Feitsarenko, H.I.], kand. sel'khoz. nauk, red.; VAS'KOVSKIY, Yu.I. [Vas'kovs'kyi, IU.I.], red.; VIDONYAK, A.P. [Vidoniak, A.P.], tekhn. red.

[Sixty years of the Cherkassy (formerly Verkhnyaki) State Agricultural Experiment Station; collection of scientific papers] 60 rokiv Cherkas'koi (kol. Verkhniats'koi) derzhavnoi sil's'kohospodars'koi doslidnoi stantsii; zbirnyk naukovykh prats'. Kyiv, Vyd-vo Ukrains'koi akad. sil's'kohospodars'kykh nauk, 1961. 145 p. (MIRA 15:2)

1. Cherkassy. Derzhavna sil's'kohospodars'ka doslidna stantsiya.
2. Direktor Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytnoy stantsii (for Feytsarenko, A.M.).
3. Zavedyushchiy otdelom selektsii sakharnoy svekly Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytnoy stantsii (for Grin'ko).

(Continued on next card)

FEYTSARENKO, A.M.---(continued) Card 2.

4. Zaveduyushchiy otdelom obrabotki pochvy Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytной stantsii (for Demchenko). 5. Zaveduyushchiy otdelom skotovodstva Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytной stantsii (for Limar). 6. Zaveduyushchiy otdelom selektsii zernovykh kul'tur Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytной stantsii (for Feytsarenko, G.I.).
(Cherkassy--Agricultural experiment stations)

KHOLUPYAK, Konstantin Leont'yevich [Kholup'iak, K.L.], kand. sel'khoz.
nauk; BARANOVSKIY, D.I. [Baranovs'kyi, D.I.], dots., red.;
VASKOVSKIY, Yu.I. [Vas'kovs'kyi, IU.I.], red.

[More effective forest plantations for erosion control]
Pidvyshchemnia efektyvnosti protyeroziinykh lisovykh na-
sadzhen'. Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh
nauk, 1961. 153 p. (MIRA 15:3)
(Erosion control) (Windbreaks, shelterbelts, etc.)

VASINOVSKY, Imrich

Some remarks on the research on the Quaternary in the area
of the West Carpathians and its further tasks. Geol prace
64:5-20 '63.

1. Dionyz Stur Geological Institute, Bratislava.

TALAS, M.; HECZKO, P.; VASKOWA, M.

Treatment of late pregnancy toxemias with hypotensive drugs.
Gin. polska 28 no.4:527-533 July-Aug 56.

1. Z Kliniki Polozniczo-Ginekologicznej PU w Olomouci Kierownik:
prof. dr. J. Marsalek i z Kliniki Ocznej PU w Olomouci. Kierownik:
prof. dr. Vajdovsky, Czechoslowaca. Czechoslovensko Porodnicko
Gynekologicko Klinika Polackeho Universita w Olomouci.

(PREGNANCY TOXEMIAS, therapy,

hypotensive drugs (Pol))

(RAUWOLFIA ALKALOIDS, therapeutic use,

reserpine in pregn. toxemias (Pol))

(SYMPATHOLYTICS, therapeutic use,

1,4-dihydrazinophthalazine & hydralazine in pregn.
toxemias (Pol))

27.1230

39907

S/044/62/000/007/056/100
C111/C333

AUTHORS: Vaskresenskiy, A. D., Prokhorov, A. I.
TITLE: Cybernetic problems in the biological sciences
PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 73-74,
abstract 7V352. ("Kibernetiku-na sluzhbu kommunizmu. T. I."
M.-L. Gosenergoizdat, 1961, 107-126)

TEXT: The role of cybernetics in biology and medicine are characterized by the authors as follows: 1) the gathering and working up of information on the structure and functions of the biological object; 2) the application of the data when influencing the living nature for the purpose of guaranteeing the best conditions for the life and activities of man (the determination of methods for optimal control of the biological process). According to the authors, the cybernetic problem of analogies and of modelling is of great importance in principle. With the help of these problems cybernetics, along with theoretical substantiation, will make it possible to apply methods of mathematical logic, the theory of automatic control and other mathematical disciplines to various areas of biology and medicine. The authors emphasize the peculiarity of biological objects; according to the authors, the main

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difference between these objects and the technical systems is the not unique but statistical determination of the results of control influences, further the strong individuality of biological objects. Because of this peculiarity, mathematical statistics and probability calculations become the basis of all examinations of biological systems. The authors give the purposes of mathematical methods in biology, consider the problem of synthesis and modelling (method of the "macro" and "micro" approach) in the examination of complicated dynamic systems and classify the biological objects of cybernetic investigations as follows: 1) cells and cell systems (tissues) of living organisms; 2) organs and systems of organs; 3) the whole living organism; 4) an association of living organisms. In the last portion of this paper which has four chapters, the objects of cybernetic investigations enumerated above are characterized in detail.

[Abstracter's note: Complete translation.]

Card 2/2

VASKU, J.

Significance of nervosism in pathology. Lek. listy, Brno
7 no. 13:321-323 1 July 1952. (CLM 22:3)

1. Of the Institute of General and Experimental Pathology (Head
-- Prof. V. Uher, M. D.) of Masaryk University, Brno.

VASKA, J.

Experimental nicotinic acid avitaminosis in the guinea-pig (pellagra). Histamine reactions and anaphylactic shock in guinea-pig pellagra. J. Váček and J. Dohnálek. *Scripta Med., Fac. Med. Univ. Masaryk. et Palack.* 21, 305-38 (1953); *Excerpta Med.*, Sect. II, 7, 478(1954).—Exptl. nicotinic acid avitaminosis was produced in 34 guinea pigs. A detailed comparison of the clinical, post-mortem, histological, and blood findings in this state with human pellagra and with this and other B-avitaminosis in various animals is given. The influence of the seasons is stressed. The first manifestations appear earlier in winter and early spring than in summer and late spring. Histologically the changes in the liver and kidney were mostly degenerative and those in the lungs, myocardium, and intestinal tract were mostly inflammatory. The adrenals showed a marked reduction (but sometimes an increase) of the cortical lipids. In the intestine there was a significant reduction of Kultschitsky's yellow cells. In the experimental animals the histamine reactions were weaker or did not appear at all, but the anaphylactic shock was more pronounced than in the control group. R. D. H.

VASKU, Jaromir

Time factor in experimental tuberculosis in guinea pig with simultaneous B₁ hypervitaminosis. Scripta med., Brno 27 no.7-8:247-257 1954.

1. Z Ustavu pro vseobecnou a experimentalni pathologii lek. fak. MU v Brne; predn. prof. MUDr a RNDr Vilem Uher

(TUBERCULOSIS, experimental
complicated by induced B₁ hypervitaminosis in guinea pigs,
role of time factor)

(VITAMIN B₁
hypervitaminosis, induced in exper. tuberc. in guinea pigs,
role of time factor)

VASKU, J.

CZECHOSLOVAKIA/Human and Animal Physiology. The Nervous System:

T-12

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65742

Author : Vasku Jaromir

Inst :

Title : An Investigation of Unconditioned and Conditioned Vascular Reflexes in the Dog.

Orig Pub : Scripta Med., 1956, 29, No 6, 215-225

Abstract : The hind limb of a dog was placed in a plethysmograph containing warm water (not above 34°). Hermetic sealing was obtained through use of a rubber cuff filled with air. The sufficient pressure was determined by connecting a control manometer to the cuff and did not exceed 200 mm Hg. The conditioned stimuli (light, sound) were reinforced by heat (hot water) and cold (ice). The presence of an initial vasoconstriction response to any stimulus was noted. This reaction was observed subsequently as well. The establishment of a vasoconstriction required fewer combinations than a vasodilation reflex. Vasoconstriction responses are

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CZECHOSLOVAKI./Human and Animal Physiology. The Nervous System: T-12

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65742

perhaps of predominant significance in the pathogenesis
of vascular diseases.--K.S. Ratner

Card : 2/2

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CZECHOSLOVAKIA/Human and Animal Physiology. The Nervous System:

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65745

Author : Vasku Jaromir

Inst :

Title : The Problem of Experimental Vascular Neuroses

Orig Pub : Scripta Med., 1956, 29, No 6, 226-236

Abstract : With a dog with a strong, balanced, active type of nervous system, a stereotype of conditioned and unconditioned (heat and cold) stimuli was disrupted by shortening the intervals between them from 8 to 0.5 minutes. Disturbances in vascular reflexes were observed--chaotic, inadequate responses to stimuli and a disruption of power relationships. The manifestations of vascular neurosis were not permanent and disappeared with adequate rest between tests. Changes in the animal's behavior were observed only in the experimental situation. Normal behavior was reestablished at the conclusion of the experiment.--K.S. Ratner

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U.15476.5
VASKU, Jaromir

~~U.15476.5~~
Trophic regulation and its pathology, Cas. lek. cesk. 96 no.52:
Lek. veda zahr:241-245 27 Dec 57.

1. Ustav pro vseobecnou a experimentalni patologii LF MU v Brne,
predn. prof. Dr V. Uher, J. V. Ustav vseob. a exper. pathologie LF MU,
Brno.

(NERVOUS SYSTEM, diseases,
dystrophy, review (Cz))

VASKU, Jaromir; STREBEL, Ralph; SELYE, Hans

Calciphylaxis inducing endogenous stimulation of the parathyroid glands. Cas. lek. cesk. 101 no.24/25:796-798 22 Je '62.

1. Ustav experimentalni mediciny a chirurgie university v Montrealu (Kanada), reditel prof. dr. Hans Selye.

(PARATHYROID GLANDS physiol)
(CALCIFICATION exper)

VASKUTI, L.; BECZE, J.

"Experiences Gained From the Correct Raising of Mule Foals", P. 124,
(AGRARTUDOMANY, Vol. 6, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

NIKITIN, Igor' Fedorovich; BORUKAYEV, R.A., akademik, doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; VASILAVSKIY, N.A., redaktor; BOROKINA, Z.P., tekhnicheskii redaktor

[Brachiopoda of the Cambrian and Lower Ordovician in the northeastern part of central Kazakhstan] Brakhiopody kembriia i nizhnego ordovika sever-vostoka Tsentral'nogo Kazakhstana. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 143 p. (MLBA 10:2)

1. Akademiya nauk Kazakhskoy SSR (for Borukayev)
(Kazakhstan—Brachiopoda, Fossil)

VASLAVSKIY, H.A.

CHOKIN, Sh.Ch., otvetstvennyy redaktor; KRAVCHENKO, V.I., redaktor; MAYZEL', S.Ya., redaktor; MIRZAKHEYEV, K.M., redaktor; SEROV, P.I., redaktor; VASLAVSKIY, H.A., redaktor; ALFKEROVA, P.F., tekhnicheskiy redaktor.

[Use of wind power in agriculture of Kazakhstan; proceedings of a scientific and technical conference on the use of wind power, held September 1955, at the Power Institute of the Academy of Sciences and Ministry of Agriculture of Kazakhstan] Ispol'zovanie energii vetra v sel'skom khoziaistve Kazakhstana; trudy nauchno-tekhnicheskoi konferentsii po vetroispol'zovaniyu, sostoiavsheisia v sentiabre 1955 goda v Institute energetiki Akademii nauk i Ministerstve sel'skogo khoziaistva Kazakhskoi SSR. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1957, 204 p. (MLRA 10:5)

1. Nauchno-tekhnicheskaya konferentsiya po vetroispol'zovaniyu. Alma-Ata, 1955.

(Kazakhstan--Wind power)

BERKALIYEV, Zeynula Temiraliyevich; SHUL'TS, V.L., prof., doktor geograf.
nauk, otv.red.; VASLAVSKIY, N.A., red.; ZHUKOVA, N.D., red.;
ROROKINA, Z.P., tekhn.red.

[Hydrological balance of the rivers of central, northern, and
western Kazakhstan] Gidrologicheskii rezhim rek TSentral'nogo,
Severnogo i Zapadnogo Kazakhstana. Alma-Ata, Izd-vo Akad.nauk
Kazakhskoi SSR, 1959. 277 p. (MIRA 12:5)
(Kazakhstan--Rivers)

16(1), 14(10)

PHASE I BOOK EXPLOITATION SOV/1281

Akademiya nauk Kazakhskoy SSR. Sektor matematiki i mekhaniki

Trudy, t. 1 (Transactions of the Mathematics and Mechanics Section, Kazakh S.S.R. Academy of Sciences, v. 1) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 207 p. 2,500 copies printed.

Eds.: Vaslavskiy, N.A. and Shevchuk, T.I.; Tech. Ed.: Rorokina, Z.P.; Editorial Board: Akushskiy, I.Ya., Archashnikov, V.P., Zhaulykov, O.A. (Resp. Ed.), Zhilenko, L.G. (Resp. Secretary), Molyukov, I.D., Strel'tsov, V.V.

PURPOSE: This book is intended for scientists, and students taking senior physics and mathematics courses at vuzes.

COVERAGE: The book contains contributions by scientists in Kazakhstan in the fields differential equations, theory of elasticity, algebra, nomography, calculation by machine, theory of plasticity, mechanics of a medium of variable mass, etc. It is dedicated to the 10th anniversary of the organization of the Sektor matematiki i mekhaniki Akademii nauk Kazakhskoy SSR (Mathematics and Mechanics Section, Academy of Sciences, Kazakh SSR.)

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